PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Bruce A. Beutel, et al.

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For: METHOD FOR IDENTIFICATION OF THE LOCATION OF MUTATIONS IN

WHOLE GENOMES

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Group Art Unit: 1636

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/Wanda E. Smith/ 5 / 18/07 Wanda E. Smith

Date

Response and Amendments

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

The following is in response to the Notice of Non-Complaint Amendment mailed on April 19, 2007..

Amendments to the claims begin on page 2 of this communication Remarks begin on page 9 of this communication.